

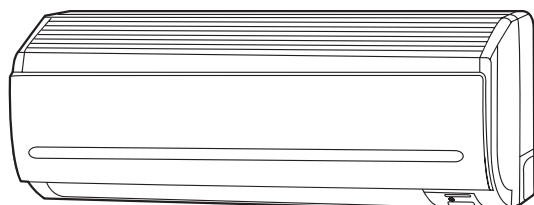
HITACHI

SM0015

RAS-E10H2 / RAC-E10H2

SERVICE MANUAL

TECHNICAL INFORMATION



RAS-E10H2



RAC-E10H2

SPECIFICATIONS

TYPE			DC INVERTER (WALL TYPE)	
			INDOOR UNIT	OUTDOOR UNIT
MODEL			RAS-E10H2	RAC-E10H2
POWER SOURCE			1 PHASE, 50Hz, 220-230V	
COOLING	TOTAL INPUT (W)		700 (155 - 1,290)	
	TOTAL AMPERES (A)		3.75 - 3.59	
	CAPACITY	(kW)	2.50 (0.90 - 3.10)	
		(B.T.U./h)	8,530 (3,070 - 10,580)	
HEATING	TOTAL INPUT (W)		880 (115 - 1,250)	
	TOTAL AMPERES (A)		4.45 - 4.26	
	CAPACITY	(kW)	3.40 (0.90 - 4.40)	
		(B.T.U./h)	11,600 (3,070 - 15,010)	
DIMENSIONS (mm)		W	780	700(+68)*
		H	280	505
		D	210	258(+48)*
NET WEIGHT (kg)		9.5	27	

※After installation

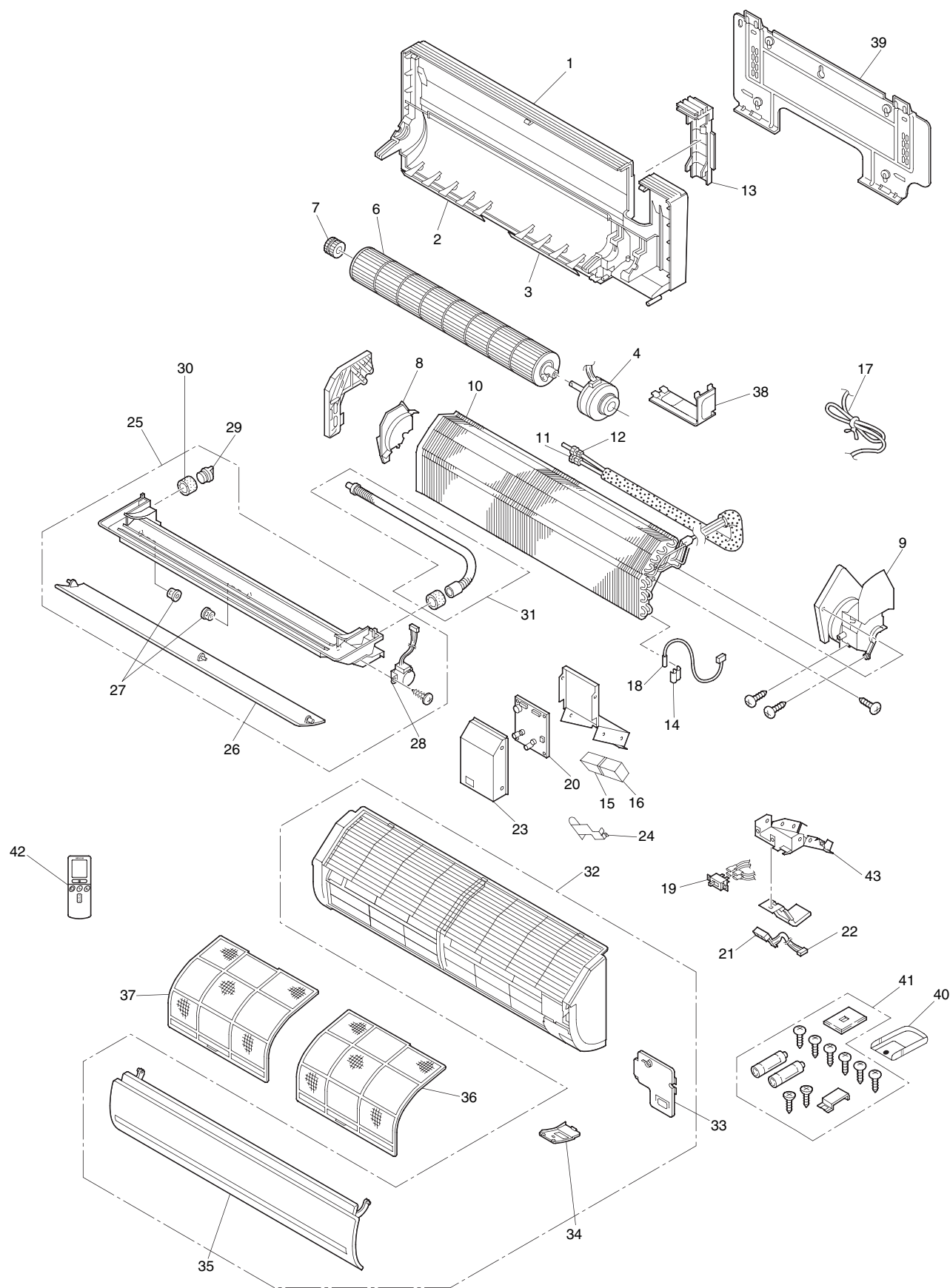
SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE FOR IMPROVEMENT

ROOM AIR CONDITIONER

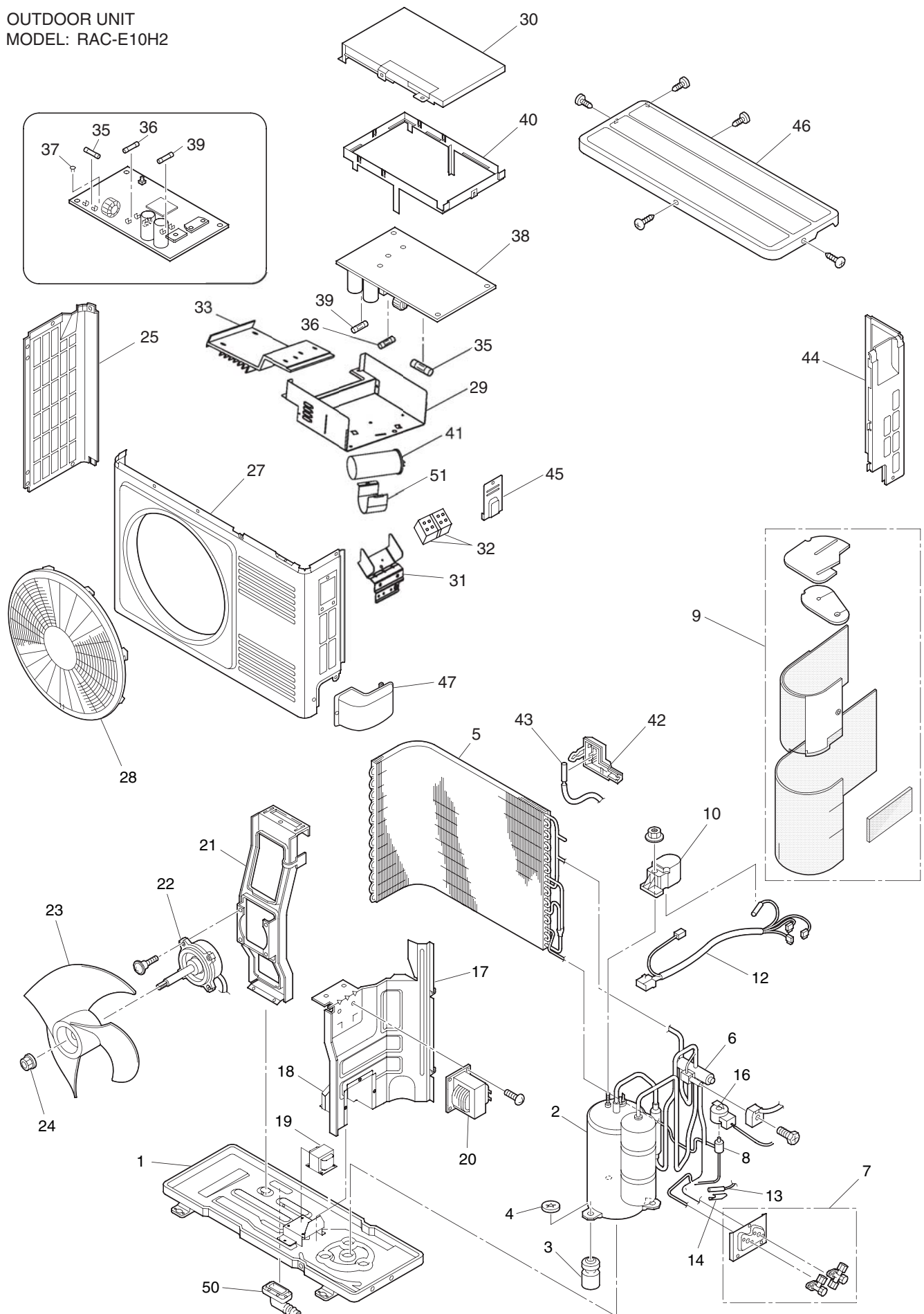
INDOOR UNIT + OUTDOOR UNIT

JULY 2006 Hitachi Household Appliances (Wuhu) Co.,Ltd.

INDOOR UNIT
MODEL: RAS-E10H2



OUTDOOR UNIT
MODEL: RAC-E10H2



RAS-E10H2		
1	CABINET GREY COLOR (ROHS)*	HWRAS25YH5A01
1	CABINET WHITE COLOR (ROHS)*	HWRAS25YH5A20
2	VERTICAL AIR DEFLETOR L(ROHS)	HWRAS25YH5A02
3	VERTICAL AIR DEFLETOR R(ROHS)	HWRAS25YH5A03
4	FAN MOTOR RRMB3811 35V (ROHS)*	HWRAS25YH5A04
6	TANGENTIAL FLOW FAN (ROHS)	HWWSI425A05
7	BEARING FAN (ROHS)*	HWRAS25YH4A08
8	COVER BEARING FAN (ROHS)	HWRAS25YH4A09
9	SUPPORT FAN MOTOR (ROHS)	HWRAS25YH4A10
10	EVAPORATOR ASSEMBLY (ROHS)	HWRAS25YH5A05
11	UNION 2 (∅=6,35MM) (ROHS)	HWRAS25YH4A12
12	UNION 3 PIPE SET (OUT) (ROHS)	HWRAS25YH4A13
13	COVER UPPER GREY COLOR (ROHS)*	HWRAS25YH5A06
13	COVER UPPER WHITE COLOR *	HWRAS35YHA1A10
14	SUPPORT THERMISTOR (ROHS)	HWRAS25YH4A15
15	TERMINAL BOARD (2P) (ROHS)	HWRAS25YH4A16
16	TERMINAL BOARD (2P) (ROHS)	HWRAS25YH4A17
17	CORD POWER SUPPLY (ROHS)	HWRASE08HA01
18	THERMISTOR HEAT EXCH. (ROHS)	HWRAS25YH4A19
19	SWITCH POWER (ROHS)	HWRAS25YH4A20
20	PWB MAIN (ROHS)	HWRASE10H2A01
21	PWB INDICATE/IR (12PIN)(ROHS)*	HWRAS25YH4A22
22	CORD 12 PIN INDI<->MAIN(ROHS)	HWRAS25YH4A23
23	COVER ELECTRIC (ROHS)	HWRAS25YH4A24
24	COVER TERMINAL (ROHS)	HWRAS25YH4A25
25	DRAIN PAN W.AIR DEFLECT(ROHS)*	HWRAS25YH5A07
26	HORIZONTAL AIR DEFLECT.(ROHS)	HWRAS25YH5A08
27	SUPPORT DEFLECTOR (ROHS)	HWRAS25YH4A28
28	MOTOR STEPPING DAMPER (ROHS)	HWRAS25YH4A29
29	RUBBER CAP DRAIN ∅=20MM (ROHS)	HWRAS25YH4A30
30	HEAT INSULATOR PIPE (ROHS)	HWRAS25YH4A31
31	DRAIN HOSE (ROHS)	HWRASD10EX2A02
32	FRONT COVER ASSY (ROHS)	HWRASE14H2A01
33	COVER EARTH (ROHS)	HWRAS25YH5A10
34	COVER SWITCH TEMPORARY (ROHS)	HWRASE14H2A02
35	FRONT PANEL (ROHS)	HWRASE14H2A03
36	FILTER AIR RIGHT (ROHS)	HWRAS25YH5A13
37	FILTER AIR LEFT (ROHS)	HWRAS25YH5A14
38	COVER LOWER RIGHT GREY COLOR *	HWRAS25YH5A15
38	COVER LOWER RIGHT -WHITE!!!!-*	HWRAS35YHA1A11
39	MOUNTING PLATE (ROHS)	HWRAS25YH5A16
40	SUPPORT REMOTE HANDSET (ROHS)*	HWRAS25YH4A41
41	SCREW ASSEMBLY (ROHS)	HWRAS25YH4A42
42	REMOTE HANDSET RAR2P2 (ROHS)*	HWRAS25YH4A43
43	COVER ELECTRONIC (ROHS)	HWRAS25YH4A06

RAC-E10H2		
1	BASE (ROHS)	HWRACE10H2A01
2	COMPRESSOR ASC0920D-A7J(ROHS)*	HWRACE10H2A02
3	COMPRESSOR RUBBER 1PCS (ROHS)	HWRAC25YH4A03
4	PUSH NUT 1/2IN=9MM (ROHS)*	HWRAC25YH4A04
5	CONDENSER (ROHS)	HWRACE10H2A03
6	VALVE REVERSING W.COIL (ROHS)	HWRACE10H2A04
7	VALVE SERVICE ASSY (ROHS)	HWRACE10H2A05
8	VALVE ELECTRIC EXPAN. (ROHS)	HWRACE10H2A06
9	COVER SOUND PROOF ASSY (ROHS)	HWRACE10H2A07
10	COVER OVER LOAD RELAY (ROHS)	HWRACE10H2A08
12	CORD CONNECTION (COMP) (ROHS)	HWRACE10H2A09
13	THERMISTOR DEFROST (ROHS)	HWRACD10EXA08
14	SUPPORT THERMISTOR (ROHS)	HWRAC25YH4A14
16	FUSE 3A (22MM) SOLDER (ROHS)	HWRACD10EX2A09
17	PARTITION (ROHS)	HWRACE10H2A10
18	COVER REACTOR (ROHS)	HWRACE10H2A11
19	REACTOR 1 (ROHS)	HWRACE10H2A12
20	REACTOR 2 (ROHS)	HWRACE10H2A13
21	SUPPORT FAN MOTOR (ROHS)	HWRACE10H2A14
22	FAN MOTOR RRMB3897 47W (ROHS)*	HWRACE10H2A15
23	PROPELLER FAN (ROHS)	HWRAC25YH4A23
24	NUT PROPELLER FAN (ROHS)*	HWRAC25YH4A24
25	COVER SIDE (L) (ROHS)	HWRACE10H2A16
27	FRONT COVER (ROHS)	HWRACE10H2A17
28	GRILL DISCHARGE (ROHS)	HWRACE10H2A18
29	ELECTRIC PARTS PLATE (ROHS)	HWRACE10H2A19
30	COVER ELECTRIC PARTS (ROHS)	HWRACE10H2A20
31	TERMINAL PLATE (ROHS)	HWRACE10H2A21
32	TERMINAL BOARD (2P) (ROHS)	HWRAC25YH4A32
33	HEAT SINK (REGULATOR 1)(ROHS)	HWRACE10H2A22
35	FUSE 1A (ROHS)	HWRACD10EX2A11
36	COIL EXPANSION VALVE (ROHS)*	HWRACE08HA09
37	VARISTOR (ROHS)	HWRAC25YH4A37
38	PWB MAIN/POWER RRZK2589(ROHS)	HWRACE10H2A23
39	FUSE 15A (ROHS)	HWRACE08HA11
40	SUPPORT FOR PWB (ROHS)	HWRACE10H2A24
41	CAP 45MF 200V (COMP) (ROHS)	HWRAC25YH4A41
42	COVER OUT DOOR THERMIST(ROHS)	HWRAC25YH4A42
43	THERMISTOR OUTDOOR TEMP(ROHS)	HWRACD10EXA17
44	COVER SIDE (R) (ROHS)	HWRACE10H2A25
45	COVER TERMINAL (ROHS)	HWRACE10H2A26
46	COVER TOP (ROHS)	HWRACE10H2A27
47	COVER SERVICE VALVE (ROHS)	HWRACE10H2A28
50	DRAIN PIPE L-FORM OVAL (ROHS)*	HWRAC25YH4A50
51	COVER CAPACITOR (ROHS)	HWRACE10H2A29